

DPD-3822-59

8 June 1959

MEMORANDUM FOR: Director of Materiel, DPD

SUBJECT : Photographic Equipment Malfunctions

REFERENCE : Staff Meeting Minutes, 14 Oct. 1958, dtd 16 Oct. 1958

1. During the period 1 May 1959 through 29 May 1959, there were a total of twenty-five (25) missions reported flown using photographic equipment. Equipments malfunctioned on six (6) of these missions giving an overall effectiveness of 76%.

2. Equipment reliability for the above referenced period was:

	<u>A-1 Conf.</u>	<u>A-2 Conf.</u>	<u>B Conf.</u>	<u>Trackers</u>
Missions Flown	0	0	9	25
Malfunctions	0	0	1	5
Per Cent Eff.	0	0	88.9%	80%

3. The one "B" Configuration malfunction was caused by malfunction of the HS-732 shutter after 1670 cycles. Shutter blades, relays, shutter stop and latches are now being reviewed for possible shutter modification as shutters are moved through M & O.

4. Tracker malfunctions were due to the following:

- a. Stiff scan latch
- b. Binding in scan head
- c. Scan clutch not properly adjusted
- d. Short, causing battery failure in a/c.

5. Tracker records are now being reviewed to determine which trackers are least used and have the worst reliability. Indications are that there is one (1) such tracker at each detachment. These trackers will be shipped to the factory for overhaul and returned to the field ASAP.

25X1

25 YEAR RE-REVIEW